

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference FOR FURTHER see Notification of Transmittal of International Search Report (Form PCT/ISA/220) as well as, where applicable, item 5 below.			of International Search Report ss, where applicable, item 5 below.	_	
International application No.	International filing date (day/mor	th/year) (Earliest)	Priority Date (day/month/year)	_	
PCT/US 00/22424					
	16/08/2000		17/08/1999	_	
Applicant					
THE DOW CHEMICAL COMPANY					
This International Search Report has beer according to Article 18. A copy is being tra	n prepared by this International Seansmitted to the International Burea	arching Authority and is to	ransmitted to the applicant		
This International Search Report consists It is also accompanied by	of a total ofsl a copy of each prior art document	neets. cited in this report.			
Basis of the report				_	
With regard to the language, the interpretation language in which it was filed, unless that the same interpretation is a second control of the same interpretation.	nternational search was carried ou ess otherwise indicated under this	t on the basis of the inter tem.	rnational application in the		
the international search was Authority (Rule 23.1(b)).	as carried out on the basis of a tra	nslation of the internation	al application furnished to this		
b. With regard to any nucleotide and was carried out on the basis of the	d/or amino acid sequence disclos	sed in the international ap	oplication, the international search		
	nal application in written form.				
l =	rnational application in computer re	eadable form.			
l ====	furnished subsequently to this Authority in written form.				
1 ————————————————————————————————————	this Authority in computer readble				
international application as	sequently furnished written sequer s filed has been furnished.	ice listing does not go be	eyond the disclosure in the		
the statement that the info furnished	rmation recorded in computer read	able form is identical to t	the written sequence listing has been		
2. X Certain claims were four	nd unsearchable (See Box I).				
3. X Unity of invention is lack					
With regard to the title,					
X the text is approved as sut	omitted by the applicant.				
the text has been establish	ned by this Authority to read as followed	ows:			
5. With regard to the abstract,					
the text is approved as subthe text has been establish within one month from the	omitted by the applicant. ned, according to Rule 38.2(b), by a date of mailing of this international	his Authority as it appear search report, submit co	rs in Box III. The applicant may, omments to this Authority.		
6. The figure of the drawings to be public			NONE		
as suggested by the applic	ant.		None of the figures.		
because the applicant faile	d to suggest a figure.				
because this figure better of	characterizes the invention.				

Form PCT/ISA/210 (first sheet) (July 1998)



ernational application No. PCT/US 00/22424

Box I	Observations where certain claims were found unsearchable (Continuation of item 1 of first sheet)
This Inte	ernational Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:
1.	Claims Nos.: because they relate to subject matter not required to be searched by this Authority, namely:
2. X	Claims Nos.: because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically: see FURTHER INFORMATION sheet PCT/ISA/210
3.	Claims Nos.: because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).
Box II	Observations where unity of invention is lacking (Continuation of Item 2 of first sheet)
This Inte	ernational Searching Authority found multiple inventions in this international application, as follows:
1.	As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2.	As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3.	As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. X	No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.: 1 (in part)-12, 17-22, 26-29, 30 (in part)-34, 37-39, 41 (in part)-52, 57-72, 73 (in part)-78 and 80-83
Remark	The additional search fees were accompanied by the applicant's protest. No protest accompanied the payment of additional search fees.

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

Continuation of Box I.2

Claims Nos.: 1, 17-22, 23-25, 26-28, 30-33, 35, 37-41, 57-69, 73-76 and 80-83

I) The parametric definitions used in claims 1, 30, 41, 69 and 73 introduce unclarity in the claims for the following reasons:

Claims 1, 30, 41, 69 and 73 relate to a compositions or processes defined (inter alia) by reference to the following parameters:

P1: polymer particles having a one millimeter penetration temperature of less than (about) 75 C as determined by thermal mechanical analysis, and/or

P2: polymer particles having an unconfined yield strength of greater than (about) 73 kilograms per square meter.

The use of these parameters in the present context is considered to lead to a lack of clarity within the meaning of PCT Article 6. It is impossible to compare the parameters the applicant has chosen to employ with what is set out in the prior art. The lack of clarity is such as to render a meaningful complete search impossible (see also description, page 5, line 13 to page 6, line 14).

Consequently, the search has been restricted to compositions, resp., processes in which the polymer particles, component (a), are clearly defined by their polymeric make-up, ie., according to claims 2-16, 29, 34, 36, 42-56, 70-72 and 77-79 and to the examples on file.

The applicant's attention is drawn to the fact that claims relating to inventions in respect of which no international search report has been established need not be the subject of an international preliminary examination (Rule 66.1(e) PCT). The applicant is advised that the EPO policy when acting as IPEA is normally not to carry out a preliminary examination on matter which has not been searched. This is the case irrespective of whether or not the claims are amended following receipt of the search report or during any Chapter II procedure.

II) Further unclarities:

IIa) Independent claim 1 does not refer to "silicon oil" and therefore dependent claims 23-25 are unclear (PCT Article 6).

IIb) Independent claim 30 does not refer to an "interpolymer" and therefore dependent claim 35 is unclear (PCT Article 6).

IIc) Independent claim 73 does not refer to an "interpolymer" and therefore dependent claim 83 is unclear (PCT Article 6).

The applicant's attention is drawn to the fact that claims, or parts of claims, relating to inventions in respect of which no international search report has been established need not be the subject of an international preliminary examination (Rule 66.1(e) PCT). The applicant is advised that the EPO policy when acting as an International

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

Preliminary Examining Authority is normally not to carry out a preliminary examination on matter which has not been searched. This is the case irrespective of whether or not the claims are amended following receipt of the search report or during any Chapter II procedure.

page 2 of 2

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210 (Box II.4)

1. Claims: 1 (in part)-12, 17-22, 26-29, 30 (in part)-34, 37-39, 41 (in part)-52, 57-72, 73 (in part)-78 and 80-83

Compositions and processes in which the polymer particles comprise a random interpolymer of a) a vinyl(idene) aromatic monomer, alone or in combination with stearically hidered (cyclo)aliphatic vinyl(idene) monomer and b) ethylene or aliphatic alpha-olefin monomer having from 3-20 carbon atoms

Compositions and processes in which the polymer particles comprise a styrenic block copolymer

3. Claims: 1 (in part), 15, 30 (in part), 36 (in part), 41 (in part), 55, 73 (in part) and 79 (in part)

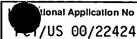
Compositions and processes in which the polymer particles comprise a polyvinyl chloride polymer

- 4. Claims: 1, 16, 30, 36, 41, 56, 73 and 79 (all in part)

 Compositions and processes in which the polymer particles comprise a propylene (co)polymer
- 5. Claims: 1, 16, 30, 36, 41, 56, 73 and 79 (all in part)

 Compositions and processes in which the polymer particles comprise ethylene-alpha-olefin copolymer
- 6. Claims: 1, 16, 30, 36, 41, 56, 73 and 79 (all in part)

 Compositions and processes in which the polymer particles comprise ethylene-vinylacetate copolymer

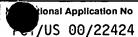


A. CLASSIFICATION OF SUBJECT MATTER IPC 7 C08K9/08 C08J3/12 C08L25/08 C08L23/08 According to International Patent Classification (IPC) or to both national classification and IPC **B. FIELDS SEARCHED** Minimum documentation searched (classification system followed by classification symbols) CO8K CO8J CO8L IPC 7 Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Electronic data base consulted during the international search (name of data base and, where practical, search terms used) C. DOCUMENTS CONSIDERED TO BE RELEVANT Relevant to claim No. Category ' Citation of document, with indication, where appropriate, of the relevant passages X WO 98 10015 A (BROOS RENE ; PARK CHUNG P 1-12, (DE); DOW CHEMICAL CO (GB); THOEN JOHAN () 17-22, 12 March 1998 (1998-03-12) 26-34, 37-39, 41-52, 57-78, 80-83 page 37, line 28 - line 36 WO 99 36472 A (KAO CHE I ; CHEUNG YUNWA W X 41-52, (US); CHUM PAK WING S (US); DOW CHEMICAL) 57-78, 22 July 1999 (1999-07-22) 80-83 table 2 -/--Further documents are listed in the continuation of box C. X Patent family members are listed in annex. Special categories of cited documents: "T" later document published after the international filing date or priority date and not in conflict with the application but "A" document defining the general state of the art which is not considered to be of particular relevance cited to understand the principle or theory underlying the invention "E" earlier document but published on or after the international "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to filing date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) involve an inventive step when the document is taken alone "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such docu-"O" document referring to an oral disclosure, use, exhibition or ments, such combination being obvious to a person skilled in the art. "P" document published prior to the international filing date but later than the priority date claimed "&" document member of the same patent family Date of mailing of the international search report Date of the actual completion of the international search 0 2. 07. 01 8 December 2000 Name and mailing address of the ISA Authorized officer European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,

Fax: (+31-70) 340-3016

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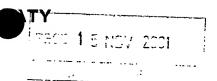
		767/US 00/22424
.(Continu	ation) DOCUMENTS CONSIDERED TO BE RELEVANT	
ategory °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Р,Х	WO 99 46435 A (STEWART KENNETH B ;DOW CHEMICAL CO (US); TURLEY ROBERT R (US)) 16 September 1999 (1999-09-16)	1-12, 17-22, 26-34, 37-39, 41-52, 57-78, 80-83
	page 71, line 18-21	00-03
Ρ,Χ	WO 99 46327 A (STEWART KENNETH B ;CHEUNG YUNWA W (US); DIEHL CHARLES F (US); DOW) 16 September 1999 (1999-09-16)	1-12, 17-22, 26-34, 37-39, 41-52, 57-78, 80-83
	page 92, line 3-8	00-03
	·	
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	<u> </u>	

n on patent family members

tional Application No /US 00/22424

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
WO 9810015 A	12-03-1998	AU 712414 B AU 3727297 A AU 4179897 A BR 9712009 A CN 1233265 A CN 1233308 A EP 0927288 A EP 0923617 A HU 9903926 A NO 991052 A PL 332082 A TR 9901018 T WO 9810160 A US 6184294 B ZA 9707911 A ZA 9707913 A	04-11-1999 26-03-1998 26-03-1998 18-01-2000 27-10-1999 27-10-1999 23-06-1999 28-03-2000 03-05-1999 30-08-1999 21-07-1999 12-03-1998 06-02-2001 03-03-1999 03-03-1999
WO 9936472 A	22-07-1999	AU 2115999 A BR 9908363 A CN 1288479 T EP 1047727 A NO 20003594 A US 6201067 B	02-08-1999 28-11-2000 21-03-2001 02-11-2000 14-08-2000 13-03-2001
WO 9946435 A	16-09-1999	AU 2997999 A CN 1298459 T EP 1068377 A NO 20004500 A US 6190768 B	27-09-1999 06-06-2001 17-01-2001 31-10-2000 20-02-2001
WO 9946327 A	16-09-1999	AU 3077999 A CN 1299395 T EP 1062273 A NO 20004499 A US 6156842 A	27-09-1999 13-06-2001 27-12-2000 08-11-2000 05-12-2000





INTERNATIONAL PRELIMINARY EXAMINATION REPORT

(PCT Article 36 and Rule 70)

13

Applicant's or agent's file reference 44598		FOR FURTHER A	CTION	See Notification of Transmittal of International Preliminary Examination Report (Form PCT/IPEA/416)			
International application No.		International filing date	International filing date (day/month/year)		Priority date (day/month/year)		
PC	PCT/US00/22424			16/08/2000			17/08/1999
	ernationa 08L25/0		ent Classification (IPC) or na	tional classification and IP	C		
''	olicant IF DOV	W CI	HEMICAL COMPANY		• 7		
		V CI	TEIVITCAL CONPANY				
1.			ational preliminary exami smitted to the applicant a		prepared	by this Inte	rnational Preliminary Examining Authority
2.	This F	REPC	ORT consists of a total of	6 sheets, including this	s cover sh	eet.	
	be	een a	eport is also accompanied amended and are the bas aule 70.16 and Section 60	sis for this report and/or	r sheets co	intaining red	n, claims and/or drawings which have ctifications made before this Authority e PCT).
	These	ann	exes consist of a total of	sheets.			
3.	This re	eport	contains indications rela	ting to the following iter	ms:		
	1	′⊠	Basis of the report				
	11		Priority				
	111	\boxtimes	Non-establishment of o	pinion with regard to no	ovelty, inve	entive step a	and industrial applicability
	IV		Lack of unity of invention	n			
	V	☒	Reasoned statement ur citations and explanatio	nder Article 35(2) with roons suporting such state	egard to n ement	ovelty, inver	ntive step or industrial applicability;
	VI	\boxtimes	Certain documents cite	ed			
	VII	\boxtimes	Certain defects in the in	ternational application			
	VIII		Certain observations on	the international appli	cation		
Date	of subr	nissio	on of the demand		Date of c	ompletion of t	his report
07/	07/03/2001 14.11.2001						
			g address of the international ning authority:		Authorize	d officer	STATE OF STA

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International application No. PCT/US00/22424

I. Basis of the report

1.	the and	With regard to the elements of the international application (Replacement sheets which have been furnished to the receiving Office in response to an invitation under Article 14 are referred to in this report as "originally filed" and are not annexed to this report since they do not contain amendments (Rules 70.16 and 70.17)): Description, pages:						
	1-2	9	as originally filed					
	Cla	Claims, No.:						
	1-8	3	as originally filed					
	Dra	Drawings, sheets:						
	1/4	-4/4	as originally filed					
2.	Witi lang	h regard to the lang guage in which the i	uage, all the elements marked above were available or furnished to this Authority in the nternational application was filed, unless otherwise indicated under this item.					
	These elements were available or furnished to this Authority in the following language: , which is:							
		the language of a	ranslation furnished for the purposes of the international search (under Rule 23.1(b)).					
		the language of pu	blication of the international application (under Rule 48.3(b)).					
		the language of a t 55.2 and/or 55.3).	ranslation furnished for the purposes of international preliminary examination (under Rule					
3.	With regard to any nucleotide and/or amino acid sequence disclosed in the international application, the international preliminary examination was carried out on the basis of the sequence listing:							
	□ contained in the international application in written form.							
		illed together with the international application in computer readable form.						
		☐ furnished subsequently to this Authority in written form.						
		Infurnished subsequently to this Authority in computer readable form.						
		The statement that the international ap	the subsequently furnished written sequence listing does not go beyond the disclosure in oplication as filed has been furnished.					
		The statement that listing has been fur	the information recorded in computer readable form is identical to the written sequence nished.					
4.	The	The amendments have resulted in the cancellation of:						
		the description,	pages:					
		the claims	· ·					



INTERNATIONAL PRELIMINARY EXAMINATION REPORT

International application No. PCT/US00/22424

		the drawings,	sheets:
5.		This report has been considered to go bey	established as if (some of) the amendments had not been made, since they have been ond the disclosure as filed (Rule 70.2(c)):
		(Any replacement sh report.)	eet containing such amendments must be referred to under item 1 and annexed to this
6.	Add	litional observations, if	necessary:
III.	Nor	n-establishment of op	pinion with regard to novelty, inventive step and industrial applicability
1.			e claimed invention appears to be novel, to involve an inventive step (to be non- ally applicable have not been examined in respect of:
		the entire internationa	al application.
	☒	claims Nos. 1, 13-26,	30-33, 35-41, 53-69 73-76 and 79-83.
be	caus	e:	
			application, or the said claims Nos. relate to the following subject matter which does tional preliminary examination (<i>specify</i>):
			s or drawings (indicate particular elements below) or said claims Nos. are so unclear inion could be formed (specify):
		the claims, or said cla	ims Nos. are so inadequately supported by the description that no meaningful opinion
	×	no international searc 73-76 and 79-83.	h report has been established for the said claims Nos. 1, 13-26, 30-33, 35-41, 53-69
2.	and/	eaningful international or amino acid sequen ructions:	preliminary examination cannot be carried out due to the failure of the nucleotide ce listing to comply with the standard provided for in Annex C of the Administrative
		the written form has n	ot been furnished or does not comply with the standard.
			e form has not been furnished or does not comply with the standard.
٧.			der Article 35(2) with regard to novelty, inventive step or industrial applicability;

1. Statement



International application No. PCT/US00/22424

Novelty (N)

Yes: Claims

No:

Claims 2-12,27-29,34,42-52,70-72,77,78

Inventive step (IS)

Yes: No:

Claims

Claims 2-12,27-29,34,42-52,70-72,77,78

Industrial applicability (IA)

Yes: Claims 2-12,27-29,34,42-52,70-72,77,78

No: Claims

2. Citations and explanations see separate sheet

VI. Certain documents cited

1. Certain published documents (Rule 70.10)

and / or

2. Non-written disclosures (Rule 70.9)

see separate sheet

VII. Certain defects in the international application

The following defects in the form or contents of the international application have been noted: see separate sheet

Re Item III

Non-establishment of opinion with regard to novelty, inventive step and industrial applicability

Claims 1, 17-28,30-33, 35, 37-41, 57-69, 73-76 and 80-83 have not been the subject of an International Search Report because of lack of clarity (Art. 6 PCT).

Claims 13-16, 23-25, 35, 36, 40, 53-56 and 79 have not been the subject of an International Search Report because of lack of unity of invention (Rule 13 PCT).

Re Item V

Reasoned statement under Rule 66.2(a)(ii) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement

1. Reference is made to the following documents:

D1: WO-A-9810015 D2: WO-A-9936472

- 2. The present application does not meet the requirements of Article 33(2) PCT because the subject-matter of claims 2-12, 27-29, 34, 42-52, 70-72, 77 and 78 is not novel.
- 2.1 Document D1 discloses (see page 37, lines 28-35) compositions and processes in which the polymer particles comprise a substantially random interpolymer, talc and a binding agent, which are indistinguishable from the claimed compositions/processes.
- 2.2 Document D2 discloses compositions comprising talc and a substantially random interpolymer and processes thereof (see Table 2), which are indistinguishable from the claimed compositions/processes.

It follows that the subject-matter of claims 2-12, 27-29, 34, 42-52, 70-72, 77 and 78 is not novel in view of D1 and D2 (Art 33(2) PCT).

3. Being not novel, the subject-matter of claims 2-12, 27-29, 34, 42-52, 70-72, 77



EXAMINATION REPORT - SEPARATE SHEET

and 78 cannot be considered as inventive (Art 33(3) PCT).

Re Item VI

Certain published documents (Rule 70.10)

Application No Patent No	Publication date (day/month/year)	Filing date (day/month/year)	Priority date <i>(valid claim)</i> <i>(day/month/year)</i>	
WO-A-99/46327	16.06.1999	10.03.1999	11.03.1998	
WO-A-99/46435	16.09.1999	10.03.1999	11.03.1998	

Re Item VII

Certain defects in the international application

Contrary to the requirements of Rule 5.1(a)(ii) PCT, the relevant background art disclosed in the documents D1 and D2 is not mentioned in the description, nor are these documents identified therein.

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization International Bureau





(43) International Publication Date 22 February 2001 (22.02.2001)

PCT

(72) Inventors; and

(US).

(10) International Publication Number WO 01/12716 A2

(75) Inventors/Applicants (for US only): MCMICHAEL, James, W. [US/US]; 426 Southern Oaks Drive, Lake

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(US). BUNGE, Friedhelm [DE/DE]; Am Bienenbuckel 15, D-77855 Achern (DE). DHODAPKAR, Shrikant, V.

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B-1211, 2301 Brazosport Boulevard, Freeport, TX 77541

DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID,

IL, IN, IS, JP, KE, KG, KR, KZ, LC, LK, LR, LS, LT, LU,

LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT,

RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA,

(74) Agent: KRUPP, Stephen, P.; Intellectual Property.

(81) Designated States (national): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CZ, DE, DK,

C08L 25/00 (51) International Patent Classification7:

(21) International Application Number: PCT/US00/22424

(22) International Filing Date: 16 August 2000 (16.08.2000)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data: 09/375,856

17 August 1999 (17.08.1999)

(63) Related by continuation (CON) or continuation-in-part (CIP) to earlier application:

US Filed on

09/375,856 (CIP) 17 August 1999 (17.08.1999)

(71) Applicant (for all designated States except US): THE DOW CHEMICAL COMPANY [US/US]; 2030 Dow

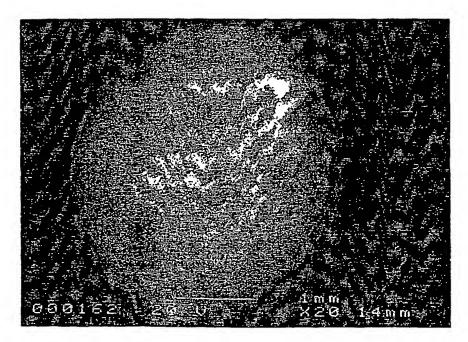
(84) Designated States (regional): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW), Eurasian

UG, US, UZ, YU, ZA, ZW.

[Continued on next page]

(54) Title: FREE-FLOWING POLYMER COMPOSITION

Center, Midland, MI 48674 (US).



(5,7) Abstract: The present invention relates to substantially free-flowing polymer particles. The polymer particles are those which ha ve a one millimeter penetration temperature of less than about 75 °C as determined by thermal mechanical analysis or an unconfined yield strength of greater than about 15 pounds per square foot (73 kilograms per square meter). The composition also comprises a n effective amount of an anti-blocking agent in the presence or absence of a binding agent.

WO 01/12716 A2



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patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG).

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

Published:

 Without international search report and to be republished upon receipt of that report.



(19) World Intellectual Property Organization International Bureau



(43) International Publication Date 22 February 2001 (22.02.2001)

PCT.

(10) International Publication Number WO 01/12716 A3

(51) International Patent Classification?: C08J 3/12, C08L 25/08, 23/08 C08K 9/08.

- (21) International Application Number: PCT/US00/22424
- (22) International Filing Date: 16 August 2000 (16.08.2000)
- (25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

09/375.856

17 August 1999 (17.08.1999) US

(63) Related by continuation (CON) or continuation-in-part (CIP) to earlier application:
US 09/375.856 (CIP)

Filed on

09/375,856 (CIP) 17 August 1999 (17.08.1999)

(71) Applicant (for all designated States except US): THE DOW CHEMICAL COMPANY [US/US]; 2030 Dow

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- (72) Inventors; and
- (75) Inventors/Applicants (for US only): MCMICHAEL, James, W. [US/US]; 426 Southern Oaks Drive. Lake Jackson, TX 77566 (US). MONTANYE, Jeffrey, R. [US/US]: 55 Michelia Court, Lake Jackson, TX 77566 (US). BUNGE, Friedhelm [DE/DE]; Am Bienenbuckel

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- (81) Designated States (national): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, YU, ZA, ZW.
- (84) Designated States (regional): ARIPO patent (GH. GM. KE, LS. MW. MZ. SD. SL. SZ, TZ, UG. ZW). Eurasian patent (AM. AZ. BY. KG. KZ, MD. RU, TJ, TM). European patent (AT. BE, CH. CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE). OAPI patent (BF, BJ. CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG).

Published:

with international search report

(88) Date of publication of the international search report:
21 February 2002

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: FREE-FLOWING POLYMER COMPOSITION

(57) Abstract: The present invention relates to substantially free-flowing polymer particles. The polymer particles are those which have a one millimeter penetration temperature of less than about 75 °C as determined by thermal mechanical analysis or an unconfined yield strength of greater than about 15 pounds per square foot (73 kilograms per square meter). The composition also comprises an effective amount of an anti-blocking agent in the presence or absence of a binding agent.

